

Amendment to the Claims:

Before claim 1, please delete the word "Claims" and substitute the following:

What is claimed is:

Please cancel all of the claims of the application, namely claims 1-4, and add the following new claims 5-8:

1-4 (Canceled)

5. (New) A process for centrifugal distribution of liquid physiological specimens over a surface with an array of assays, said process comprising the steps of: placing said array in a rotating device, distributing said liquid physiological specimens to said surface by the dynamic forces of the rotation, said surface being pointed towards the axis of rotation, forcing the liquid physiological specimens toward said surface under the influence of the dynamic forces of the rotation, said liquid physiological specimens being applied as drops to an area of said surface opposite a drain end, the distribution of said liquid physiological specimens being controlled by adjusting the position of said surface relative to said axis of rotating, in such a way that a thin film of said liquid physiological specimens will be formed over the whole of said surface before drops are forced over the edge in the drain end of the surface.

6. (New) A process for centrifugal distribution of liquid physiological specimens over a surface with an array of assays, said process comprising the steps of: placing said array in a rotating device, distributing said liquid physiological specimens to said surface by the dynamic forces of the rotation, said surface being pointed towards the axis of rotation, the liquid physiological specimens being forced towards said surface under the influence of the dynamic forces of the rotation, wherein the distribution of said liquid physiological specimens is controlled by varying the position or orientation of said surface relative to said axis of rotation, in such a way that a thin film of said liquid physiological specimens is formed on at least varying parts of said surface, and in such a way that said thin film is re-circulated across said array of assays.

7. (New) A process in accordance with claim 6, wherein said control of said surface is caused by a rotating movement around an axis other than that of the rotating device.

8. (New) A process in accordance with claim 6, wherein said surface, to which said liquid physiological specimens are applied, is formed as a hollow in a material part, said hollow forming a closed container when the material part is covered with a lid, and said liquid physiological specimens being applied to said surface before said lid covers said hollow.